

## ABSTRACT

A visual display unit connected to a central processing unit such as exhibited with a personal computer. A sensor which measures the distance between the user and the visual display unit is provided. The purpose of the sensor enables the computer to determine the distance of the user in relation to the visual display unit, such that the size and content of information displayed upon the visual display unit can be automatically adjusted. As the user moves away from the visual display unit, the central processing unit causes the image shown on the visual display unit to enlarge any displayed information, thus counteracting the effects of perspective, which makes objects appear smaller the further away they are from the viewer. An alternative embodiment replaces the sensor with a web camera and a still image capture apparatus to measure the distance from the user to the visual display unit by utilizing at least two reference points on the user to make a "range finder" calculation.

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